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LIST OF ABBREVIATIONS AND ACRONYMS

µg/m ³	micrograms per cubic meter
µPa	micropascal
A AB	Assembly Bill
ABAG	Association of Bay Area Governments
AHPA	Archaeological and Historic Preservation Act
B BAAQMD	Bay Area Air Quality Management District
BD	breasting dolphin
BMPs	Best Management Practices
C CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CBC	California Building Code
CCAA	California Clean Air Act
CCTA	Contra Costa Transportation Authority
CDFW	California Department of Fish and Wildlife (formally known as California Department of Fish and Game [CDFG])
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CH ₄	methane
CHRIS	California Historical Resources Information System
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CSFM	California State Fire Marshal
CSL	Canadian Steamship Lines International
CSLC	California State Lands Commission
CVFPB	Central Valley Flood Protection Board
CVRWQCB	Central Valley Regional Water Quality Control Board
CWA	Clean Water Act
D dB	decibels

dBA	A-weighted decibels
dbh	diameter at breast height
DEPM	Division of Environmental Planning and Management
DOT	U.S. Department of Transportation
DPM	diesel particulate matter
DPS	Distinct Population Segment
DTSC	Department of Toxic Substances Control
E eBART	East Contra Costa BART extension
EFH	Essential Fish Habitat
EIR	Environmental Impact Report
F FCAA	Federal Clean Air Act
FERC	Federal Energy Regulatory Commission
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FPP	Fire Protection Plan
FR	Federal Register
FTA	Federal Transit Administration
G GHG	Greenhouse Gas
GP	Georgia Pacific
H H ₂ S	hydrogen sulfide
HCP	Habitat Conservation Plan
HMTA	Hazardous Materials Transportation Act
Hz	hertz
I IPCC	Intergovernmental Panel on Climate Change
K kHz	kilohertz
km	kilometer
L L _{dn}	Day-Night Average Sound Level
L _{eq}	Equivalent Sound Level
LOP	Letter of Permission
LOS	Level of Service
LSAP	Lake and Streambed Alteration Program
M MARPOL	International Convention for the Prevention of Pollution from Ships
MBTA	Migratory Bird Treaty Act
MHHW	mean higher high water
MLLW	mean lower low water
mm	millimeter
MM	Mitigation Measure
MMP	Mitigation Monitoring Program
MMPA	Marine Mammal Protection Act
MMS	modified Mercalli scale
MMT	million metric tons

Abbreviations and Acronyms

MND	Mitigated Negative Declaration
MOTEMS	Marine Oil Terminal Engineering and Maintenance Standards
MPA	Marine Protected Area
MRZ	mineral resource zones
MSA	Magnuson-Stevens Fishery Conservation and Management Act
MT	metric ton
Mw	Richter magnitude
N N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCCP	natural community conservation plan
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
NPS	National Parks Service
NTU	nephelometric turbidity units
NWIC	Northwest Information Center
O O ₃	ozone
OHP	Office of Historic Preservation
OPA	Oil Pollution Act
OSHA	Occupational Safety and Health Administration
OSPR	Office of Spill Prevention and Response
OSPRA	Oil Spill Prevention and Response Act
P Pb	lead
PCBs	polychlorinated biphenyls
PERP	portable equipment registration program
PM	particulate matter
PM ₁₀	particulate matter less than 10 micrometers
PM _{2.5}	particulate matter less than 2.5 micrometers
PPM	parts per million
PTS	permanent threshold shift
R RCNM	roadway construction noise model
RCRA	Resource Conservation and Recovery Act
Refuge	Antioch Dunes National Wildlife Refuge
RHA	Rivers and Harbors Act
River	San Joaquin River
rms	root mean squared

ROG	reactive organic gases
RWQCB	Regional Water Quality Control Board
S SARA	Superfund Amendments and Reauthorization Act
SEL	sound exposure levels
SFBAAB	San Francisco Bay Area Air Basin
SHPO	State Historic Preservation Officer
SMARA	Surface Mining and Reclamation Act
SO ₂	sulfur dioxide
SPL	sound pressure level
SWRCB	State Water Resources Control Board
T TAC	toxic air contaminant
TMMC	The Marine Mammal Center
TSCA	Toxic Substances Control Act
TTS	temporary threshold shift
U USACE	U.S. Army Corps of Engineers
USCG	U.S. Coast Guard
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
V VdB	Vibration Decibels
W WEAP	Worker Environmental Awareness Program
Y yr	year

Abbreviations and Acronyms

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